

APPLICANT(S): VITENBERG, Roman
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CLAIMS LISTING

Claims 1 – 35: (Cancelled).

36. (Withdrawn) A method for communication comprising:

providing voice and data services to a subscriber premises within a building and to high speed data communication devices in said subscriber premises using in-building wiring and to-building wiring without having high speed communication equipment inside said subscriber premises.

37. (Withdrawn) A method according to claim 36 wherein said step of providing comprises:

passing POTS related signals along said in-building wiring to and from said subscriber premises without attenuation;

providing HPN signals along said in-building wiring to and from said subscriber premises;

providing xDSL signals along said to-building wiring to and from a central office of a communication service provider; and

converting between said HPN signals and said xDSL signals.

38. (Withdrawn) A method according to claim 36 wherein one type of said data service is downloading video films or broadcast transmitted from the CO and another is transmission of downloaded video films or broadcast to said subscriber premises.

39. (Withdrawn) A communication device comprising:

an xDSL analog front end (AFE) module connectable to to-building wiring connected to a central office of a communication service provider;

an HPN AFE connectable to in-building wiring connected to a subscriber premises;

an xDSL-to-HPN converter connected to said xDSL AFE and said HPN AFE; and

a splitter-isolator connectable between said to-building wiring and said in-building wiring which permits passage therethrough of POTS-related signals while not permitting passage therethrough of xDSL and HPN signals.

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40. (Withdrawn) A device according to claim 39 wherein said HPN AFE is an HPNA-2 AFE, said xDSL AFE is an ADSL AFE and said xDSL-to-HPN converter is an ADSL-to-HPNA-2 converter.

41. (Withdrawn) A device according to claim 39 wherein said to-building wiring is twisted pair wiring.

42. (Withdrawn) A device according to claim 39 wherein said in-building wiring is flat pair wiring.

43. (Withdrawn) A device according to claim 39 and wherein said HPN AFE is operative to communicate with at least one terminal device in said subscriber premises.

44. (Withdrawn) A device according to claim 43, wherein said at least one terminal device is selected from the group consisting of a personal computer (PC), a video device, a television set, a videophone, an IP-phone and a HI-FI audio device.

45. (Withdrawn) A device according to claim 39 and also comprising an input/output port connectable to a video server.

46. (Previously Presented) A video server for a building having more than one subscriber premises therein, the video server comprising:

- a multiplicity of interface controllers, each connectable along a wire to a subscriber converter serving one of said subscriber premises;

- means for downloading video films or broadcast transmitted from a central office of a communication service provider through at least one of said subscriber converters;

- a storage unit for storing said downloaded video films or broadcast; and

- means for transmitting along a wire a selected one of said downloaded video films or broadcast to one of said subscriber premises through its associated subscriber converter.

47. (Previously Presented) A system according to claim 46 wherein said video server can download video films or broadcast substantially simultaneously through more than one selected subscriber converters, wherein said selected subscriber converters are those

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not in current use by the respective subscriber premises.

48. (Previously Presented) A system according to claim 46 also comprising at least one interface controller connectable to a data receiving system selected from the group consisting of satellite broadcast receiving system, cable TV receiver equipment and terminal receiver device for an optical fiber.